IN THE NAME AND BY THE AUTHORITY OF THE

UNITED STATES OF AMERICA)
)
State of Montana)

After full consideration of the matter, and pursuant to the authority vested in the Secretary of State, I Linda McCulloch, Montana Secretary of State, hereby approve for use in any election in the State of Montana

ES&S Unity Suite, V. 3.4.0.0

I further certify that upon examination, held February 1st, 2013, that said systems meet the requirements set forth in Title 13, Chapter 17, Montana Code Annotated, and the Administrative Rules of Montana 44.3.1701 through 44.3.1711.

A State certification is not:

- An endorsement of a manufacturer, voting system, or any of the system's components.
- A State warranty of the voting system or any of its components.
- A determination that a voting system, when fielded, will be operated in a manner that meets all HAVA requirements.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Great Seal of the State of Montana at Helena, Montana, this twenty-eighth day of February, 2013.

LINDA MCCULLOCH
Secretary of State

MONTANA SECRETARY OF STATE
Elections and Government Services

Voting System Examination Report of Findings
ES&S Unity Version 3.4.0.0 – February 28th, 2013

On February 1st, 2013, the Office of the Montana Secretary of State conduced voting system examinations in Helena, Montana to review and test the latest upgrades to Election Systems & Software Unity from v. 3.2.1.0 to v. 3.4.0.0 pursuant to Montana Code Annotated 13-17-101.

The examination was conducted by the following State and County staff: Elections Deputy Lisa Kimmet, Elections Specialist Alan Miller, HAVA Specialist Casey Sjolund, Gallatin County Election Administrator Charlotte Mills, Lake County Election Administrator Kathie Newgard, Missoula County Election Administrator Vickie Zeier, Rosebud County Election Administrator Geraldine Custer, Yellowstone County Election Administrator Bret Rutherford, Missoula County IT Technicians Sharon Tandberg and Janice Goldsby.

Presenting the voting systems was Election Systems and Software (ES&S) State Certification Manager Chris Bruscino, Also assisting from ES&S were Customer Service Manager Laura Schmitz and ES&S Regional Sales Manager Lori Mommaerts.

Voting Systems Examined

Unity suite 3.4.0.0 includes two new tabulators, the DS200 and the DS850; it also includes two Unity software updates one for Election Reporting Manager and one for the Hardware Programming Manager[1]. Unity is a suite of software products that integrates several components that are used throughout the ballot preparation and tabulation process. Ballot definition and layout software include; Audit Manager, which creates users, passwords, and audit reports for EDM and ESSIM. Election Data Manager, EDM, is the front-end module of Unity that collects election specifics (districts, precincts, office titles, candidate names and ballot styles); and ES&S Image Manager, ESSIM, which formats files from EDM to design ballot images. The Hardware Programming Manager, HPM, uses programmed files from EDM to format files understood by ballot scanning equipment. Election Reporting Manager, ERM, is a back-end Election Day software module that accumulates election results and formats and generates a customized election report on paper.

Additional software components are AutoMARK Information Management (AIMS), is an application program that assists election officials in preparing the flash memory card required by the AutoMark; VAT Previewer, which is utilized by AIMS and enables the user to preview AutoMARK screens and test audio files; and Log Monitor service that

[1] Hardware Programming Manager is not used in the state of Montana.

runs in the background of active ES&S Election Management software applications to audit the proper functioning of the Windows Event Viewer. Only components that are used in the state of Montana or have had interest were tested. All other components are not in use in Montana.

- Please refer to Appendix A, ES&S Application Documentation for a complete description of ES&S Unity 3.4.0.0 and components.

- Unity 3.4.0.0 is federally certified under EAC# ESSUNITY3400. Independent testing was completed on November 1st, 2012 by Wyle Laboratories.
    - A federal certification by the U.S. Election Assistance Commission is an official recognition that a voting system has been tested to and has met an identified set of Federal voting system standards.

Required Materials

Pursuant to Montana law, ES&S provided fully functional versions of the voting systems to be examined. Hardware supplied by the vendor for the testing included two DS200 units, one DS850 and one laptop loaded with Election Reporting Manager.

Copies of brochures, pamphlets, and descriptive or sales material were supplied by the vendor, along with sample training materials and any information that may be required to be displayed at the polls.

Blank ballots, in the form required by Montana law, were supplied for a year in which a President of the United States of America would be elected along with at least one ballot issue. Ballot forms include primary election and general election. Party, precinct, split, and ballot issues were displayed on examination ballots. The office of the Secretary of State built a test desk by marking ballots and subsequently created a key for verification.

Required Tests

The following tests were performed:

- D200 and DS850 Logic, Accuracy and Overvote Test
- DS200 and DS850 Ballot Bending and Folding Test
- DS200 and DS850 Criteria of Construction Test
- DS200 and DS850 Marginal Mark Test
- ERM Accuracy Test

Testing Procedure

- Three sets of tabulation materials were used; a set of general election ballots and two sets of primary election ballots; democrat and republican. These ballots were marked by SOS staff at the examination site prior to the test.
    - The examiners tabulated all sets of materials and printed results.

- The SOS ballot keys were sealed in envelopes until all tabulator results were printed.
- The ballot keys were distributed to the examiners to cross verify the results of the ERM and the tabulators to that of the expected results.
- All sets of materials were tabulated twice on a voting system with no exception for incorrect tabulation determined in the opinion of the examiners

- Logic tests confirm that the voting system is capable of recognizing election ballots, accuracy checks the ability to correctly tabulate results, while the overvote test identifies more votes than allowed.

- The ballot folding test determines the ability of the voting system and where it is capable of tabulating folded ballots while the marginal mark test demonstrates how voting systems may read ballot marks.

- Unity Suite 3.4.0.0 included two new tabulators that had to meet specific construction criteria that are required by Montana law, these standards are confirmed in the vendor application, supporting documentation and the Secretary of State's required checklists. Copies of these signed checklists can be found in Appendix B.

- The marginal mark test, tested the ability of the scanner to distinguish different types of marks on the ballot. These included: checkmarks, arrows, lines, hesitation marks, different color pens including sharpies and highlighters, marks outside of the oval, and marks through many ovals.

- ERM Accuracy test determined the ability for the Election Reporting Manager to correctly import the results from the tabulators.

- Other than the ERM Accuracy test, no specific tests were performed on the other software components, which have been previously federally tested and certified.

System Test Results

Not all examination tests apply to all voting systems. Only tests that pertain to a particular voting system were applied.

DS200 v. 1.6.1.0

DS200 digital scanner is a paper ballot tabulator designed for use as a polling place scanner. After the voter makes their selections on their paper ballot, their ballot is inserted into the unit for immediate tabulation. Both sides of the ballot are scanned at the same time using a high-resolution image-scanning device that produces ballot images.

Logic, Accuracy and Overvote Test

- The DS200 tabulated and correctly reported results from test decks of multiple ballot styles used in Montana, including two page primary and two page general election ballots, county splits, write-ins and ballot issues.
- Overvotes were correctly identified with an audible and visual signal, which provides an opportunity for the elector to inspect the ballot before tabulation.

Ballot Bending and Folding Test

- Unfolded ballots had no issues with the DS200.
- Normally folded ballots ran through this machine as expected.
- Abnormally folded ballots did sometimes encounter problems being pulled into the machine, similar to problems the existing Model 100 has. Once the machine was able to grab the ballot, it was able to correctly identify the marks.

Ballot Margin Mark Test

- The DS200 tabulator read all properly marked ovals.
- Ovals marked with other marks were detected and sorted accordingly.

DS850 v. 2.2.0.0

The DS850 is a high-speed, digital scan central ballot counter that uses cameras and imaging algorithms to capture voter selections on the front and back of a ballot, evaluate results and then sort ballots into discrete bins without interrupting scanning. A dedicated audit printer generates a continuous event log. Machine level reports are produced from a second, laser printer. The scanner saves voter selections and ballot images to an internal hard disk and exports results to a USB Memory stick for processing with Election Reporting Manager.

Logic, Accuracy and Overvote Test

- The DS850 tabulated and correctly reported results from test decks of multiple ballot styles used in Montana including two page primary and two page general election ballots, county splits, write-ins and ballot issues.
- Overvotes were correctly routed to an alternative tray to be manually viewed.
- The Secretary of State's office had to recreate one ballot due to the printing being skewed, similar to what would happen if printing was skewed on a ballot being tabulated on Election Day.

Ballot Bending and Folding Test

- Unfolded ballots ran through the DS850 without issue.
- Normally folded ballots ran through this machine as expected.
- Ballots with abnormal folding techniques also ran through with minimal stops. Examiners agreed that they would not have an expectation that similarly folded ballots would be successfully run through existing Model 650 tabulators. These ballots would be sent to the resolution or duplicate board to have the ballot recreated before running them through the machines.

Election Reporting Manager (ERM) v. 7.8.0.0

Election Reporting Manager (ERM) is ES&S election results reporting program. ERM generates paper and electronic reports for election workers, candidates, and the media. ERM can also display updated election totals on a monitor as ballot data is tabulated, and it can send results reports directly to media outlets.

Accuracy Test

- USB thumb drives from the tabulators were imported into ERM and the results were printed off.
- Results were verified against the Secretary of State's ballot key.

Recommendation and Impact

ES&S Unity Suite 3.4.0.0 was recommended for approval of certification, after passing all testing criteria.

Approval of Unity Suite 3.4.0.0 presents no economic impact on the counties of the State of Montana. There would be an economic impact upon counties that choose to purchase newly certified equipment. No counties are required to upgrade.

By: Lisa Kimmet
Lisa Kimmet, Deputy for Elections and Government Services

Appendix A

- ES&S Application Documentation

Appendix B

- Signed Vendor and Examiner Checklist

Appendix A

MONTANA SECRETARY OF STATE

Elections and Government Services Division

Application for Voting System or Component Certification

APPLICANT INFORMATION	
Name of Vendor Election Systems & Software	Contact Person, Title Chris Bruscino, State Certification Manager
Address 11128 John Galt Boulevard	E-mail Address Chris.bruscino@essvote.com
City, State, Postal Code Omaha, NE 68137	Telephone Number 402-938-1335
	Fax Number 402-970-1275

SYSTEM/COMPONENT INFORMATION

Statement that applicant is applying for examination pursuant to Administrative Rules of Montana:

Pursuant to the administrative Rules of Montana, Election Systems & Software is applying for the certification upgrade of Unity 3.2.1.0 to Unity v. 3.4.0.0. This release adds the DS200 and DS850 Tabulators to the current system in Montana.

Name and release level of system or component:

Montana State Certification of Unity 3.4.0.0 Changes in RED		Current System Unity 3.2.1.0	New System Unity 3.4.0.0
Pre-Election Software Ballot Definition Ballot Layout Election Media	Election Data Manager (EDM)	7.8.1.0	7.8.1.0
	AutoMARK Information Management System (AIMS)	1.3.257	1.3.257
	VAT Previewer	1.3.2907	1.3.2907
	ES&S Image Manager (ESSIM)	7.7.1.0	7.7.1.0
	Hardware Programming Manager (HPM)	5.7.3.0	5.8.0.0
Post-Election Software Election Result Reporting Election Auditing	Election Reporting Manager (ERM)	7.5.7.0	7.8.0.0
	Audit Manager	7.5.2.0	7.5.2.0
	Log Monitor	1.0.0.0	1.0.0.0
Tabulators	Model 100	5.4.4.5	5.4.4.5
	DS200	NA	1.6.1.0
	Model 650	2.2.2.0	2.2.2.0
	DS850	NA	2.2.0.0
Voter Assistance Terminal	ES&S AutoMARK (A100 HW 1.0)	1.3.2907	1.3.2907
	ES&S AutoMARK (A200 HW 1.1)	1.3.2907	1.3.2907
	ES&S AutoMARK (A200 HW 1.3)	1.3.2907	1.3.2907

Brief description of system or component:

	Unity 3.4.0.0	Module Description
Pre-Election Software Ballot Definition Ballot Design Election Media	Election Data Manager (EDM)	Front-end module of Unity. EDM is a single-entry database where all election specific information such as precinct, office, and candidate information is entered. EDM's output is utilized by ESSIM and AIMS to complete the ballot definition process.
	AutoMARK Information Management System (AIMS)	Windows - based PC application program that assists election officials in preparing the flash memory card required by the AutoMark (VAT) for use in an election.
	VAT Previewer	Utilized by AIMS and enables the user to preview AutoMARK screens and test audio files prior to burning election day media.
	ES&S Image Manager (ESSIM)	Uses programmed files from EDM to design ballot images.
	Hardware Programming Manager (HPM)	Enables the user to import, format, and create election definitions for ES&S' tabulators. The output is an election file that can be later imported into ERM after vote tabulation.
Post-Election Software Election Results Reporting Election Auditing	Election Reporting Manager (ERM)	Back-end module of Unity. Accumulates election results, formats/generates customized paper or electronic reports.
	Audit Manager	Creates users, provides password security, and real-time audit reports for EDM and ESSIM that tracks all user activities.
	LogMonitor Service	A Windows Service that runs in the background of active ES&S Election Management software (EMS) applications to audit the proper functioning of the Windows Event Viewer. The LogMonitor application will close any open EMS applications if the system detects improper deactivation of the Windows Event Viewer.
Tabulators	Model 100	Precinct-based vote tabulator utilizing advanced Intelligent Mark Recognition (IMR) visible light scanning technology to scan ballots.
	DS200	Precinct-based vote tabulator that scans both sides of the ballot simultaneously and saves ballot images to a USB memory device for later ballot viewing.
	Model 650	Central count based vote tabulator that includes a dedicated audit log printer and election results printer. The audit log printer prints user actions and system messages in real-time.
	DS850	Central count based high-speed, optical scan tabulator that uses advanced cameras and imaging algorithms to simultaneously capture voter selections on the front and back of a ballot, evaluates the results, and sorts the ballots into bins.
Voter Assistance Terminal	ES&S AutoMARK	Voter Assist Terminal designed to help voters mark their optical scanned ballots when they are visually impaired, physically disabled, or more comfortable reading or hearing instructions and choices in an alternative language. The AutoMark doesn't store, count, or tabulate votes.

Name and version of major hardware, firmware, software and components:

Please see above for high level overview of the Unity 3.4.0.0 voting system. Below is a continuance of the above table with additional details on ES&S' hardware versions.

	Firmware Version	Hardware Level	Operating System	PEB	SBC
AutoMARK (A100)	1.3.2907	1.0	5.0.1400	1.65	1.0
AutoMARK (A200)	1.3.2907	1.1	5.0.1400	1.65	2.0
AutoMARK (A200)	1.3.2907	1.3	5.00.19	1.65	2.5
AutoMARK (A200)	1.3.2907	1.3	5.00.19	1.70	2.5
Model 100	5.4.4.5	1.3			
DS200	1.6.1.0	1.2			
Model 650 (Visible Green/Left Hand Response)	2.2.2.0	1.2			
Model 650 (Visible Red/Left Hand Response)	2.2.2.0	1.2			
DS850	2.2.0.0	1.0			
Metal Ballot Box		1.0,1.1,1.2			
DS200 Plastic Ballot Box		1.2,1.3			

PEB = Printer Engine Board
SBC = Single Board Computer

Type of application (select one):

X Certification of a new system or component
X Certification of modification to certified system or component
☐ Renewal of a previously certified system or component

Affected components for type of application:
X Hardware X Firmware X Software

Date and time of requested examination:	Place of examination:
(TBD)	(TBD), Helena, Montana

Statement that the applicant will pay reasonable costs of examination (MCA 13-17-102(2)):

Election Systems & Software will pay reasonable costs of examination of Unity 3.4.0.0

References for each state where this exact system or component is currently certified for use:

State	Date Approved	Length of Use	Contact Person	Contact Information

If state approval/certification has ever been revoked on exact system or component (*does not necessarily disqualify application*):
Please attach documentation regarding steps taken to resolve issues, if any.

State	Date Approved	Length of Use	Contact Person	Contact Information
N/A	N/A	N/A	N/A	N/A

Does the applicant own all rights to this equipment?	X YES	NO (please explain):
Is any part of the system manufactured or assembled by another company? If yes, list part and manufacturer contact information:	YES	X NO

Type of business or organization:	X Corporation	☐ Partnership	☐ Individual
If a Corporation, state of incorporation:			
Authorized to do business in Montana		X YES	NO
Maintain an office in Montana		YES	X NO
Independently owned		X YES	NO
If not independently owned, name and address of parent company:			

This application must include the following, when applicable: *Please check the box if material is included with the application or indicate N/A if not applicable. If not included with this application, material must be supplied before testing is scheduled.*

X 1. Completed Application
Refer to Folder 1

X 2. Documentation indicating federal qualification and date
Refer to Folder 2

X 3. Documentation from all independent test authorities which examined this system
Refer to Folder 3

X 4. Documentation from listed jurisdictions having granted/revoked certification of system or component
N/A

X 5. Documentation indicating executable image, source code, etc. are escrowed with approved ITA
X Document granting Montana Secretary of State unrestricted access to escrow materials
Refer to Folder 4

X 6. Description of how the system or component is based on commonly accepted industry standards
Refer to VSTL Reports in Folder 3

X 7. Engineering drawings, schematics or flowcharts identifying software and data file relationships
Refer to Folder 5\ U3400_OVR00\pg 19-20

X 8. Photographs of the system and functional description of software and components
Refer to Folder 6

X 9. Equipment durability statement and reliability estimate (must meet requirements of ARM 44.3.1703)
Refer to Folder 7\AutoMARK pg 7, DS200 pg 25, DS850 pg 29-30, M100 pg 26-27, M650 pg 31-32

X 10. Environmental requirements for storage, transportation and operation
Refer to Folder 7\AutoMARK Chapter 2, DS200 Chapter 2, DS850 Chapter 2, M100 Chapter 2, M650 Chapter 2

X 11. Security measures recommended for securing the voting system before, during, and after an election, including recounts
Refer to Folder 8

X 12. Examples of how the system or component may be protected from tampering for a fraudulent purpose
Refer to Folder 8

X 13. Copies of contracts and maintenance agreements used in connection with the system or component
Refer to Folder 9

X 14. Type of maintenance agreements and levels offered by vendor and maintenance providers
X List of current maintenance rates and schedule of anticipated rate increases
Refer to Folder 9

X 15. Applicable user, operator, maintenance, and training manuals
Refer to Folder 10

X 16. Troubleshooting guides and description of the most encountered poll worker issues and resolutions
Refer to Folder 10\System Operations Manuals\AutoMARK Chapter 3, DS200 Chapter 12, DS850 Chapter 11, M100 Chapter 12, M650 Chapter 8

X 17. List and description of training courses provided and available (including both on-and off-site training)
Refer to Folder 11

X 18. Copies of materials useful for instruction or information useful to electors at the polls
Refer to Folder 10\Training Manuals

X 19. List of specific ballot styles and recommended ballot marking devices
Refer to Folder 12

X 20. Upgrade plan for existing customers – identify all customers and detail the plan for their upgrade
To be submitted prior to examination by Customer Service Department

X 21. Procedure for notifying State about necessary and available system changes (ECO, ECN, etc.)
Refer to Folder 13

This page intentionally left blank

AFFIRMATION		
In making application for the certification of the system or component listed; I affirm under the penalty for perjury that to the best of my knowledge and belief all the information contained in this application is true. I agree to reimburse the State of Montana for reasonable costs incurred by the Montana Election and Government Services Division in evaluating the voting system.		
Signature	Title **State Certification Manager**	Date 11/2/12

Deliver Application To:	**Direct Questions To:**
Montana Secretary of State Elections and Government Services Division PO Box 202801 Helena, Montana 59620-2801	Office of the Montana Secretary of State Lisa Kimmet, Elections Deputy Telephone: (406) 444-5376 Email: lkimmet@mt.gov

Applicable Montana Statue and Rules	
Montana Code Annotated Title 13, Chapter 17 http://data.opi.mt.gov/bills/mca_toc/index.htm	Administrative Rules of Montana Title 44, Chapter, 3, Subchapter 17 http://www.mtrules.org/

No application may be submitted to the Secretary of State later than 90 days prior to the date of the election at which the machines are proposed to be used.

ARM 44.3.1701(7) http://www.mtrules.org/gateway/ruleno.asp?RN=44%2E3%2E1701

Voting systems may not be used in an election unless approved by the secretary of state 60 days or more prior to the election at which they will be used.

MCA 13-17-101(3) http://data.opi.mt.gov/bills/mca/13/17/13-17-101.htm

The secretary of state shall: within 30 days after examining the voting system, file a report of the examination in the secretary of state's office.

MCA 13-17-101(2)(b) http://data.opi.mt.gov/bills/mca/13/17/13-17-101.htm

Updated: December 2011

Appendix B

State of Montana Certification Event Checklist - Pursuant to Montana Code Annotated and Administrative Rule				
Examiners	YES	NO	Not Applicable	DS200 DS850 Comments
Such examination shall be conducted by the office of secretary of state, who may choose at least two Montana electors to assist with the examination.	☒	☐	☐	
The machine shall permit and require an elector to vote in secret.	☒	☐	☐	
The machine shall prevent an elector from voting for any candidate or upon any ballot issue more than once and is also prevented from voting on any office or ballot issue for which he is not entitled to vote.	☒	☐	☐	
The machine shall permit an elector to secretly select the party for which he wishes to vote in a primary election and the machine or device will count only votes for the candidates of that party by the elector in the primary election.	☒	☐	☐	
The machine shall permit an elector to vote a split ticket in a general election if he desires.	☒	☐	☐	
The machine shall register and record every valid vote cast.	☒	☐	☐	
The machine shall also be constructed so that during the progress of the voting no individual can see or know the number of votes registered for any candidate or on any ballot issue.	☒	☐	☐	
The machine shall allow write-in voting.	☒	☐	☐	
The machine shall provide that the ballot may be rotated as provided in 13-13-205, MCA, without substantially impairing the efficiency or accuracy of the tabulation of such rotated ballots.	☒	☐	☐	
The machine must use a paper ballot that allows votes to be manually counted.	☒	☐	☐	
The machine shall comply with all other requirements of the election laws, so far as they are applicable.	☒	☐	☐	
The system shall provide a mechanical or procedural means whereby an elector may cast a write-in vote for any person for any office, and whereby such elector shall be prevented from voting for another person for such office on the regular ballot.	☒	☐	☐	
Automatic tabulating equipment shall provide a visible or audible signal to the operator thereof in the following cases:				
If a ballot cannot be tabulated by the system due to a physical defect in the ballot, the machine shall signal rejection of the ballot.	☒	☐	☐	
If a ballot or part thereof has been overvoted because the elector has recorded vote intentions for a number of persons for an office in excess of the number he is entitled to vote for, the ballot tabulation program and hardware shall have the ability to so record and display a summary of the ballot overvote conditions.	☒	☐	☐	

	YES	NO	Not Applicable	Comments
Where applicable no device shall be approved if the act of voting by an elector does not produce a visible effect upon the ballot by application of a visible substance to the ballot.	☒	☐	☐	
It shall be determined, in the judgment of the examiners whether or not the system complies with all other applicable requirements of the election laws.	☒	☐	☐	
The machine shall be constructed so that it cannot be tampered with for a fraudulent purpose.	☒	☐	☐	
It shall be determined that if levers or buttons of any description are used as the method of casting a ballot that such levers or buttons will produce a positive vote regardless if they are fully depressed or not.	☐	☐	☒	can on Accept or Reject.
Where applicable a set of programmed ballots having a known count for each office or ballot issue listed thereon, which count shall be declared before any test tabulation of said ballots is made.	☒	☐	☐	
A set of sample ballots, not less than 25 nor more than 100 in number, shall be marked or pierced at the site of the examination by a person present other than the applicant or his agent. Such set shall be tabulated no less than two nor more than five times. The failure of any subsequent tabulation to agree completely with the initial tabulation shall be deemed a material cause for rejection of the system.	☒	☐	☐	
By tabulation of the preprogrammed materials supplied under ARM 44.3.1702(1)(e), it shall be determined whether the tabulating apparatus will count accurately on no less than two nor more than five tabulations of the materials so supplied. Any difference in count on any tabulation of preprogrammed material shall be deemed a material cause for rejection of the system.	☒	☐	☐	
At least two of the ballots marked or pierced under ARM 44.3.1703(1)(b) shall contain a vote for one office in excess of the number of votes which an elector would be entitled to cast for such office. Failure of the machine to reject such ballot shall be deemed a material cause for rejection of the system.	☒	☐	☐	

Signatures

Charlotte Mills

Geraldine Custer

Sharon P. Sandberg

[illegible]

Kathie Nowgard

Vickie M Zeier

State of Montana Certification Event Checklist - Pursuant to Montana Code Annotated and Administrative Rule				
Vendor Checklist	YES	NO	Not Applicable	Comments
The applicant shall guarantee to provide training and assistance to election officials included in each contract for purchase of a machine or device.	☒	☐	☐	
Allows auditors to access and monitor any software program while it is running on the system to determine whether the software is running properly	☒	☐	☐	
At least one fully operative system unit or set conforming to the description of the same contained in the application	☒	☐	☐	
At least one copy of any brochures, pamphlets, and descriptive or sales material of any kind intended for use in promoting the same for use of such system in Montana	☒	☐	☐	
Samples of any training aids supplied by the applicant for the use of election officials	☒	☐	☐	
Where applicable sample ballots suitable for use in the system substantially in the form required by Montana law for a primary and general election in a year in which a president of the United States of America is to be elected. Such ballots for the general election sample shall also contain a ballot issue to be voted upon.	☒	☐	☐	
Copies of any other material required by law to be displayed at the polls, or useful for the instruction or information of electors at the polls	☒	☐	☐	
If not contained in other materials, data on the extent of use and length of use of the system being examined in other jurisdictions	☒	☐	☐	

Vendor Checklist (Page 2)	YES	NO	Not Applicable	Comments
Voting machines or devices shall be constructed of materials sufficiently durable to withstand normal wear and tear due to usage, storage and transportation. It is the intent of this rule that the system shall have a useful life of ten years or more without major mechanical or electronic failure due solely to normal use, storage and transportation. Applicant shall submit data pertinent to this rule, if available.	☒	☐	☐	
Such system shall be fully guaranteed as to parts and workmanship for a period of not less than two years from date of purchase, and the manufacturer shall be prepared to provide maintenance and repair service for such system at a rate to be agreed upon by the manufacturer, dealer or agent of either and the purchasing entity.	☒	☐	☐	
Each system or each component of any system shall remain operative and unimpaired in efficiency and accuracy in the physical and electrical environment normally found in polling places and other places used for election purposes, including places to which ballots are taken for purposes of tabulation.	☒	☐	☐	
The system shall be so constructed as to operate in atmospheric temperatures ranging from 65 to 90 degrees Fahrenheit	☒	☐	☐	
The system shall be so constructed as to operate without being affected by variations in the voltage or amperage of the power supply normally found in places where it is to be used	☒	☐	☐	
Any system utilizing photoelectric or photosensitive components shall be so constructed that it will operate in the presence of light intensity on the order of that caused by the use of flashbulbs or other lighting, whether intermittent or continuous, used for photographic purposes	☒	☐	☐	
The manufacturer or his agent shall demonstrate the extent to which bending, folding or otherwise abusing a ballot or ballot card is possible without causing said ballot or ballot card to be unusable in the tabulating equipment. If more than one per cent of the ballots marked or pierced at the site of the examination shall be rejected by the tabulating equipment for such cause, such rejection shall be deemed a material cause for rejection of the system.	☒	☐	☐	
If the system being examined uses a paper ballot which is to be marked with ink or other visible substance, the manufacturer or his agent shall demonstrate the extent to which a mark may fail to cover the voting space, or fail to be in ideal position before the vote shall fail to be counted by the tabulating equipment	☒	☐	☐	

Signatures

State Certification Manager

The attached documents were filled out and signed on February 1st, 2013. These documents are in regards to the certification of Unity 3.4.0.0 and were signed by the following parties:

Vendor Checklist:

Chris Bruscino

Examiner Checklist:

Charlotte Mills
Geraldine Custer
Sharon Tandberg
Janice Goldsby
Kathie Newgard
Vickie M Zeier

2/21/13

Casey Sjolund
HAVA Specialist
Montana Secretary of State